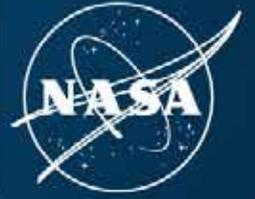


National Aeronautics and
Space Administration



Marshall Space FLight Center

2022 Center
**HONOR
AWARDS**

December 7, 2022

*Marshall, launching NASA into the future,
to the Moon and Beyond.*

ARTEMIS





2022 Center Honor Awards Ceremony Program

December 7, 2022

Introduction and Welcome.....	Jody Singer , Director, MSFC
National Anthem	Renatta America , Office of Procurement, MSFC
Introduction of Keynote Speaker	Jody Singer
Keynote Speaker	Reid Wiseman , Astronaut Chief
Artemis Video	
Introduction of Awards	Rae Ann Meyer , Associate Director, MSFC
Presentation of Awards	
• Marshall Director’s Commendation Honor Award	
• Marshall Certificate of Appreciation Honor Award	
• Marshall Innovation Award (Individuals)	
• Marshall Research and Technology Award	
• Marshall Group Achievement Honor Award	
• Marshall Innovation Award (Teams)	
• 2022 Patent of the Year Award	
• 2022 Invention of the Year Award	
Closing Remarks.....	Joseph Pelfrey , Deputy Director, MSFC

Director's Commendation Honor Award

The Director's Commendation Honor Award is the Center Director's award, and therefore the highest award given at Marshall Space Flight Center. It is awarded to an individual whose job performance and/or special accomplishments merit recognition where other avenues of recognition simply are not sufficient.

RAFIQ AHMED

For outstanding commitment and support of the Commercial Crew Program as Subsystem Manager for Dry Structures.

KATRINE A. BALCH

For significant and sustained contributions as Program Coordinator and Communications Integrator for the Technology Demonstration Missions Program Office.

MICHELLE M. BARNETT

For exemplary leadership in the development, assembly, integration and testing of Sample Cartridge Assemblies and the associated ISS Payloads.

SEAN C. BENSON

For outstanding leadership in providing expertise and support to Center programs, projects, and research activities to ensure compliance with US export laws and regulations.

JOEL B. BEST

For exceptional Operations Engineering in support of Artemis I Mission Readiness.

JERAMIE W. BROADWAY

For exceptional leadership in MSFC's formulation and support to the Nation's On-orbit Servicing and Manufacturing architecture concepts and technology development.

WESLEY M. BROWN

For providing stellar software safety expertise in performing technical tasks ensuring the safe and successful functionality of the SLS Integrated Avionics and Test Facility.

AMY N. CARDNO

For outstanding leadership of the Space Launch System Integrated Avionics and Software Test Team for the ARTEMIS I test program in the Systems Integration Laboratory.

JONATHAN CARMAN

For outstanding leadership, technical diligence, and accomplishments serving as the Propulsion Thrust Vector Control Subsystem Manager supporting the Commercial Crew Program.

RICHARD A. COOPER

For exemplary technical contributions and team leadership in thermal vacuum testing at the Marshall Space Flight Center.

JOHN A. CRAIG

For outstanding contributions in resource management support to the Office of Chief Financial Officer and Safety and Mission Assurance Business Office.

JONATHAN E. DEAL

For exceptional executive communications support to the Marshall leadership during a period of intense and persistent demands.

HENRY J. DENNIS

For exceptional leadership and diligence in the development and approval of the RS-25 Launch Commit Criteria for the Artemis I launch.

JARED A. DERVAN

For transforming risks into opportunities and leading the technical development of the Solar Cruiser flight experiment proposal through competition to project award.

KURTIS L. DIETZ

For outstanding contributions to the development and test of the Imaging X-ray Polarimetry Explorer Science Operations Center software.

SHERRY Y. ERSKINE

For significantly contributing to and yielding superior-quality results in the resources management function for the Imaging X-ray Polarimetry Explorer Program.

LAWRENCE J. FOREMAN

For exceptional contributions to the advancement of environmental control and life support systems in support of the International Space Station and Exploration Missions.

GREGORY P. FRADY

For the outstanding leadership in both the long-range planning and short-term execution of the Flight Systems team's duties.

MELISSA J. GARBER

For outstanding commitment and dedication to ensuring successful ground support for all Huntsville Operations Support Center missions.

MARISSA B. GARCIA

For outstanding leadership as test requester during Dynetics' thrust chamber assembly test campaign while actively promoting NASA diversity and inclusion through mentoring.

DARRELL L. GILLIAM

For providing the highest caliber of battery technical expertise to resolve critical issues and challenges vital to ensure the success of the SLS and science missions.

JOHN S. GREEN

For exceptional leadership, commitment, and extensive collaboration in supporting the Center Master Plan for Marshall Space Flight Center's mission.

DENNIS L. HARRIS

For outstanding leadership resulting in the successful development of multiple Lunar Surface Instrument and Technology Payloads flying on the 19D CLPS Mission.

JOSHUA L. HARRISON

For outstanding support to the Office of the Chief Information Officer, Budget Integration and Analysis Office.

JAMES R. HAWKINS

For outstanding engineering effort in developing and releasing MSFC-Standard-3744, baselining the structural design and testing of Solid Rocket Motors.

ERIN G. HAYWARD

For outstanding leadership in Space Environmental Effects Testing and Spacecraft Contamination Control.

ANDREW T. HIATT

For substantial improvements in thermal/fluids analysis processes for the Space Launch System Booster Project.

TIMOTHY J. HORVATH

For exceptional leadership in guiding a multilateral team in the creation of Utilization processes, with innovative strategies for enabling research on-board the Gateway.

FELIX O. LOPEZ

For outstanding leadership and thermal discipline technical contributions to the Mars Ascent Vehicle project and Mars Ascent Vehicle Integrated System Source Evaluation Team.

DANIEL R. MAILMAN

For continual outstanding support to the Office of the Chief Financial Officer and the Center Executive Leadership Team.

NATHAN C. MARCHMAN

For exceptional engineering performance in support of the Marshall Space Flight Center's Roadway Self-Propelled Modular Transporters for the Space Launch System Core Stage.

NEIL F. MARTIN

For excellence in the development, leadership and coordination of Marshall Space Flight Center science mission proposals and associated science line of business processes.

JENNIFER M. MCNEESE

For outstanding budgetary analysis, integration and customer support to the Human Landing System Program.

DWIGHT L. MOSBY

For outstanding leadership and exceptional achievement to MSFC during the pandemic and a critical time of transformational change to NASA's work environment.

ANDREW C. PEFFER

For exceptional performance in support of science spaceflight missions that span the full portfolio of the Agency's science goals.

ROBIN M. PINSON

For outstanding leadership and excellent technical support for the Space Launch System Vehicle Management Discipline.

MATTHEW W. PRUITT

For exceptional dedication and leadership in leading the Near-Earth Asteroid Scout engineering team to hardware completion and delivery for Artemis I.

LAURA E. RICHERSON

For exceptional performance and implementing process improvements as Configuration and Data Management Lead.

PRESTON B. SCHMAUCH

For exceptional service and diligence in improving Marshall Space Flight Center's Space Act Agreement process.

MICHAEL W. SELBY

For exceptional leadership resulting in the successful development of multiple Lunar Surface Instrument and Technology Payloads flying on the 19C CLPS Mission.

HOLLIE H. SMITH

For outstanding support facilitating Marshall Space Flight Center's inclusion in the Automated Installation Entry system.

JONATHAN R. STEPHENS

For outstanding performance in coordinating and completing the Two-Stage Cooling Initial Design Review.

SAMUEL E. STEPHENS

For exemplary leadership of the first Core Stage Hardware Turnover and Acceptance for the Space Launch System Artemis Program.

MICHEAL K. TERRY

For outstanding technical leadership during the upgrade of the Robotic Weld Tool enabling final machining of critical-path Launch Vehicle Stage Adapter flight units.

ANGELA P. THOREN

For exceptional technical contributions in Electrical, Electronics, and Electro-mechanical parts analysis to the Imaging X-ray Polarimetry Explorer project.

BYRON L. WILLIAMS

For exceptional performance and outstanding support for the Space Launch Systems logistic/transportation and handling activities at the Michoud Assembly Facility.

Certificate of Appreciation Honor Award

The Certificate of Appreciation Honor Award is awarded to an individual in recognition of an outstanding accomplishment that contributed substantially to the mission of MSFC.

LAURA W. AGEE

For outstanding resources management and customer support to the Cryogenic Fluid Management Project Office.

CERESE M. ALBERS

For exceptional leadership and commitment exhibited during the establishment of the Satellite Needs Working Group Management Office.

CHERYL D. ALEXANDER

For leadership, integrity, inclusion, and excellence in support of the MoonBEAM Team proposal effort.

BRIAN D. ALFORD

For outstanding performance in the development of the SLS Block IB Joint Confidence Level analysis.

SIERRAH L. BAFFA

For outstanding program and project coordination support within the Science and Technology Office in the areas of operations, administrative, and facility management.

WENDY E. BLACKWELL

For exemplary efforts improving organizational function and outreach activities for the five Branches composing the Science Research and Projects division.

PATRICK BORDEN

For outstanding leadership, team mentoring, and contributions to mission success in the field of Mass Properties Engineering.

SHAWN E. BRECHBILL

For exceptional dedication and technical expertise demonstrated in the areas of propulsion system filtration and filter design.

LISA A. BRIGHT

For exceptional contributions to the Space Launch System through leadership provided to the Safety and Mission Assurance Assessment Team in preparation for Artemis I.

TERESA L. BROWN

For sustained superior performance in providing cost estimating and analysis support to the Mars Ascent Vehicle Project.

AUDREY R. BYRGE

For outstanding performance in transitioning the Consolidated Program Support Services Project Coordinator contract.

KAMULA N. CORBETT

For exceptional support as Organizational Information Technology Manager for the Spacecraft and Vehicle Systems Department.

BARRY D. DENSMORE

For exceptional commitment to flight safety in leading the Liquid Engines Office in the execution of the Artemis I Certification of Flight Readiness Reviews.

MARIEA C. DUNN BROWN

For exceptional leadership of the Systems Evaluation Team in the performance of work across three diverse technical disciplines.

TERESA R. FRANKS

For exemplary leadership and dedication in providing vital support to accomplish streamlining and ease of availability of the Agency Human Capital and Workforce data.

BRAXTON C. GOODMAN

For outstanding service and dedication in establishing a reliable and robust fire protection system for Marshall Space Flight Center.

KATIE L. HESTER

For outstanding dedication to excellence in serving the Mission Systems Integration and Operations Branch and the Payload Mission and Operations Division.

ROBERT R. HICKMAN

For outstanding leadership in formulation of The Lunar Environments Technology Objective Laboratory at Marshall Space Flight Center.

KEVIN P. HIGDON

For exemplary performance serving the Advance Concept Office Contractor Team in leading successful design studies.

LUSTER P. INGRAM

For extraordinary servant leadership in the development of NASA's Human Space Flight Missions and Programs.

KIMBERLY S. JACKSON

For outstanding support and dedication toward customer service in Respiratory Protection in support of the Space Launch System Program.

JEREMY D. JARRETT

For outstanding leadership of diverse Space Launch System systems engineering efforts across multiple vehicle configurations.

STACEY M. KELLEY

For exceptional execution of the Payload and Mission Operations Division Space Launch System Flight Readiness Review and completing major system and operations updates.

DANIEL A. KERSTIENS

For exceptional service and support toward managing and integrating Environmental, Health and Safety Management into Marshall logistics service operations during the pandemic.

CHARLES R. KNIGHT

For outstanding coordination of Artemis I SMA day-of-launch support preparation activities and MSFC Quality Working Group leadership.

KIMBERLY W. LANKFORD

For exceptional dedication and effort in support of Artemis I planning and execution for the Space Launch System Engineering Support Center and its stakeholders.

MELISSA L. LEE

For sustained superior performance in support of the Program Planning and Control Capability Improvement Initiative.

KURT E. MCCALL

For successful development, testing, and delivery of INSPECT software for the Day of Launch I-Loads Updates and trajectories for the Space Launch System.

ANDREW L. MOLTHAN

For outstanding leadership and technical guidance of the Stakeholder Engagement Program for the Satellite Needs Working Group Project.

DANIELLE C. MORRIS

For outstanding support in establishing the management approach for the Lunar Surface Instrument and Technology Payloads Projects.

WILLIAM H. NABORS

For outstanding leadership in transitioning Marshall Space Flight Center to the Department of the Treasury Standard Form 7600 enabling NASA to meet a critical deadline.

MAHMOUD R. NADERI

For exceptional diligence completing two Joint Confidence Level analyses within one-year on the Europa Clipper Mission.

MISTY J. NOSAL

For exceptional leadership in promoting and sustaining the advancement and growth of the Gateway Environmental Control and Life Support Systems program.

SUNNY B. PATEL

For exceptional dedication, leadership, and innovative thinking which have made significant contributions to the StarBurst Project.

ASHLEY S. PIERCE

For exemplary procurement support to the Business Services and Environmental Engineering Support Branch through improved processes and accelerated procurement timelines.

TRACIE J. PRATER

For outstanding technical leadership and exceptional outreach efforts in support of the Moon to Mars Exploration Systems and Habitation Academic Innovation Challenge.

JAGANATHAN RANGANATHAN

For innovative and unwavering supportive engineering on the Imaging X-ray Polarimetry Explorer Mirror Module Assemblies.

GARY S. ROBINSON

For outstanding contributions and teamwork in support of the Office of Chief Financial Officer, Budget Integration and Analysis Team.

DONNA D. ROGERS

For outstanding budgetary analysis and customer support to the Commercial Crew Program Manager, and exemplary initiative taking on increasingly more complex requirements.

DIANE M. SAMUELSON

For outstanding support in the acquisition of hardware components contributing to mission success across the Science and Technology Office.

RANDALL P. SILVER

For outstanding support to the Office of the Chief Information Officer, Budget Integration and Analysis Office.

WILLIAM G. SIZEMORE

For outstanding resources management and customer support to the Planetary Missions Program Office.

SCOTT F. SPEARING

For outstanding technical leadership and excellent support to the Gateway International Habitation to the Space Launch System's Launch Package Manager.

MICHAEL W. STEVENS

For exceptional achievements in Configuration/Data Management for the Technology Demonstration Missions Program in support of the Space Technology Mission Directorate.

KATHERINE M. STEVENSON-CHAVIS

For outstanding accomplishments and support working across Marshall Space Flight Center Engineering.

ERIC T. STEWART

For timely and innovative Thermal-Fluids Analysis support to the Space Nuclear Propulsion Project.

HAROLD J. SULLIVAN

For exemplary work developing requirements and leading integration, resulting in successful implementation of the new Stowage Automation Tool.

MARCELLA C. SUTTON

For exceptional leadership and professionalism in the coordination, documentation, and tracking of RS-25 reviews in support of Artemis I.

MIGNON P. THAMES

For the successful creation of a collaborative work environment resulting in the completion of the StarBurst Concept Study Report and the capture of future work for MSFC.

WILLIAM G. TILSON

For outstanding professionalism, leadership, and technical skills in fracture control and additive manufacturing.

JODI C. TURK

For outstanding commitment and leadership to the Volatiles Investigating Polar Exploration Rover thermal vacuum testing series.

DAWN M. TURNER

For commitment to excellence in the management, execution, and successful completion of the CO2 Conversion Challenge that resulted in important technology infusions.

ERICK A. VERLEYE

For unrelenting and broad support of the Imaging X-ray Polarimetry Explorer Mission by enabling every aspect of the IXPE Science Operations Center.

HOLLY M. WALES

For exceptional leadership during the Mission Control Center-Houston Guarded Moderate event, enabling operations teams to understand and properly restore impacted services.

LISA S. WATKINS

For significant contributions to Human Landing System Program planning and execution activities.

SHARRIEF D. WEBBER

For exemplary leadership for the NextSTEP -2 Appendix N: Sustainable Human Landing System Studies and Risk Reduction Broad Agency Announcement.

REBECCA L. WILLIAMS

For dedicated engineering and invaluable technical expertise to ensure the success of NASA's overall mission related to vibration mitigation control.

JEFFERY S. WILSON

For outstanding work ethic, leadership, and innovation which have made significant contributions to the Solar Cruiser Project.

Marshall Innovation Award

The annual Marshall Innovation Awards promote and honor innovation and creativity in the MSFC workforce. It is open to all MSFC civil servants and contractors, in all Center organizations (both technical and non-technical), and provides recognition to employees who have best exemplified creative and innovative work accomplishments and behaviors during the year.

LESLIE L. ALLISON

For creative and innovative solutions in improving the ES50 software development tools and processes.

PATRICK A. BALDWIN

For outstanding innovations in support of the International Space Station, Lunar Gateway, and other NASA programs.

SARAH D. BANG

For innovative scientific contributions to Remote Sensing Studies contributing to the award of two new research studies.

BEAU T. BLANDING

For outstanding innovation in support of the International Space Station and Lunar Gateway payload developer communities.

LAUREN M. FISHER

For outstanding research and technology development of Radioluminescent Coatings.

EMILY F. KLEE

For outstanding and innovative ideas to improve our on and off-site hybrid work in support of Environmental Control and Life Support Systems.

TIMOTHY J. WRAY

For innovative approaches across multiple flight programs using advanced structural analysis methodologies.

MSFC Research & Technology Award

The Research and Technology Award recognizes notable achievements in research and technology development work at MSFC, directly relating to Agency and Center missions and science needs, and which includes hands-on contributions to the success of research and technology development.

ROGER E. ALLEN

For the design and development of a cloud-computing-based framework for near-real-time data product for the Short-term Prediction Research and Transition Center.

JARRET BONE

For advancing avionics enclosure design that reduces weight and fabrication time/cost through innovative design and fabrication of metal-coated polymer avionics enclosures.

JACQUELINE DAVIS

For pioneering work in optics prescriptions advancing the field of X-ray astronomy.

HECTOR GUTIERREZ

For significant advancement and demonstration of the MSFC-developed Smartphone Video Guidance Sensor.

OMAR MIRELES

For exceptional achievement in the development and application of novel additive manufacturing techniques to enable design advancements for in-space propulsion systems.

Group Achievement Honor Award

The Group Achievement Honor Award is given in recognition of an outstanding accomplishment which has been made through the coordination of many individual efforts and that has contributed substantially to the accomplishment of the mission of MSFC.

Airborne Instrument Deployment Preparation Team

For outstanding efforts in preparing multiple instruments for participation in the IMPACTS Earth Venture Suborbital field experiment.

Artemis I Hydrazine Service Cart PRT

For exceptional cross-organizational teamwork in resolving technical issues with the Booster hydrazine system, required to meet the critical Artemis I roll out timeline.

BOLE SRR/SDR Development Team

For embracing a cultural change and leading the SLS community through a streamlined and cost-saving approach outlined in the BOLE SRR/SDR for the future Booster design.

Booster Productions and Operations Contract Team

For successfully negotiating the Booster Production and Operations Contract Team, and helping to bring SLS in line with both greater performance and cost reduction goals.

Building 4200 Disposal Team

For outstanding support initiating the disposition operation of all the remaining furniture from the closure of Building 4200.

Building 4250 Renovation Planning and Design Team

For innovative design and collaboration for the renovation of building 4250 to support the new blended work environment.

CLASP 2.1 Team

For successful execution of the CLASP2.1 mission, resulting in the mapping of magnetic effects in the sun's chromosphere, despite challenges imposed by the COVID-19 pandemic.

Core Stage 1 Hardware Acceptance Team

For the successful turnover and acceptance of the first new development of the SLS Artemis Program Space Launch System Core Stage.

Core Stage Base Heat Shield Cork Combustion Team

For outstanding analysis, development, and assessment of thermal environments resulting from cork combustion on the Core Stage Base Heat Shield.

ECLSS 4BCO2 Design and Analysis Team

For exemplary design and analysis support on the Environmental Control and Life Support Systems 4-Bed Carbon Dioxide Scrubber.

ECLSS Technical Demonstration Team

For exceptional support towards the success of ECLSS Flight Demonstration projects through sustained design, fabrication, and analysis support.

EEE Parts Engineering Team

For exceptional and in-depth support of the Electrical, Electronic, and Electromechanical Parts discipline to the Human Landing System and Space Launch System programs.

ET20 Early Career Test Team

For outstanding innovation in the planning, design, construction, and operations of new and existing test facilities in the Experimental Fluids and Environmental Test Branch.

Facility Upgrade Team

For providing support and expertise in retrofitting the Huntsville Operations Support Center for current and future Mission Operations Activities.

FEDIS II Contract Procurement Team

For outstanding effort to develop and implement the Facilities Engineering Design and Inspection Services II Contract.

FWR Automation Team

For exceptional support and customer service in the development and implementation of the automated Facility Work Request process.

GOES-17 GLM Product Validation Review Team

For the successful completion of the GOES-17 Geostationary Lightning Mapper Peer Stakeholder – Product Validation Review.

HLS Base Period Fluid Dynamics Team

For exemplary performance in supporting ten HLS collaboration tasks during the Base Period providing recommendations that improved designs and operations.

HLS Diffuser Cracking Mechanism Identification Team

For outstanding performance in developing the mechanism and mitigation of the cracking of an HLS pump diffuser.

Human Landing System Communication & Tracking Team

For significant accomplishments and exemplary leadership shown in executing the insight mission for the Human Landing Systems Program.

Human Landing System Propulsion Insight Team

For significant accomplishments and exemplary leadership shown in executing the insight mission for the Human Landing Systems Program.

Hydrogen Sensor Technology Demonstration Team

For outstanding contribution to the successes of the Hydrogen Sensor Technology Demonstration development and delivery.

Integrated Logistics & Supportability Team

For outstanding leadership in logistics and supportability across programs, resulting in effective and sustainable supportability approaches.

ISS FPMU Replacement Support Team

For outstanding support in the preparation and real-time execution of the replacement of the Floating Potential Measurement Unit on board the International Space Station.

IXPE Dynamics Test Support Team

For extraordinary dedication, ingenuity, and outstanding technical excellence demonstrated in support of the IXPE Random and Sine Vibration Tests.

IXPE Mission Operations Team

For dedicated preparation and extraordinary efforts during launch and on-orbit commissioning leading to successful IXPE Observatory checkout and start of science operations.

IXPE Thermal Vacuum Test Support Team

For extraordinary dedication and outstanding technical excellence demonstrated for the on-site support of the IXPE Integrated Space Craft Thermal Vacuum Test.

Kennedy Space Center Protective Dune Survey Team

For outstanding contributions toward saving costs to the maintenance of critical infrastructure as well as technology development in an area of strategic interest to NASA.

LAMS EEE Parts Analysis Team

For exceptional support in successfully screening Electrical, Electronic, and Electro-Mechanical parts for the Laser Air Monitoring System at Johnson Space Center.

Logistics COVID PPE Supply Team

For sourcing, procuring, and supplying critical PPE supplies from across the country to enable MSFC mission critical workers a safe and healthy work environment.

MAF COVID-19 Response Team

For outstanding employee dedication and perseverance ensuring the safety of site personnel at the Michoud Assembly Facility during the COVID-19 Pandemic.

Mars Ascent Vehicle Propulsion Team

For exceptional engineering support on the design and development of the Solid Rocket Motors and Reaction Control System on the Mars Ascent Vehicle.

Mars Ascent Vehicle Systems Engineering Team

For providing substantial systems engineering contributions to the Mars Ascent Vehicle through innovation, collaboration, and cross-Center integration.

Mars Sample Return VECTOR Test Support Team

For exceptional customer support by significantly augmenting the value of Jet Propulsion Laboratory test of key Mars Sample Return campaign system.

Marshall Grazing Incidence X-ray Spectrometer Team

For successful execution of the Marshall Grazing Incidence X-ray Spectrometer mission, and cutting-edge demonstration of imaging spectroscopy for the sun's corona.

MAV SRR Planning, Configuration & Data Management Team

For exemplary service in planning and executing the Mars Ascent Vehicle Project and Flight Test Program System Requirements Review.

MoonBEAM Proposal Team

For dedicated, innovative, and pioneering teamwork to submit a compelling MoonBEAM proposal.

MSFC Building 4200 Deactivation Team

For exceptional service and dedication to Marshall Space Flight Center ensuring the successful Deactivation of Building 4200.

MSFC Out and Allied Employee Resource Group

For over a decade of activities broadening inclusion and representation of the lesbian, gay, bisexual, transgender, and allied workforce at Marshall.

MSFC Ring Sheared Drop Team

For outstanding accomplishment in incorporating design changes that were needed to modify a system on board the International Space Station, to enable key science research.

NMLS Development, Integration, and Test Team

For significant contributions to the development, integration, test, and delivery of the Neutron Measurements at the Lunar Surface payload.

Orion Urine Valve Performance Test Team

For outstanding initiative, innovation, and collaboration in the design, construction, and operation of a new facility to support the vent testing of the ORION urine valve.

RS-25 LPFTP Inducer Higher Order Cavitation Team

For exceptional engineering achievement in removing fatigue life limitations from the RS-25 inducer.

SIEMENS Digital Environment Team

For exceptional support of the Model-Based Design and Manufacturing Pilots utilizing the Siemen's Digital Environment.

SLS BOLE EEE Parts Team

For exceptional engineering support and contributions to the Space Launch System and Booster Obsolescence and Life Extension program.

SLS Core Stage AFBU Test Team

For supporting NASA's mission through successful completion of SLS Core Stage Alternate Flight Termination System Battery Shock and Vibration Testing.

SLS PP&C Budget Analyst Team

For outstanding accomplishments made through the coordination of the RS60 Team in support to the Space Launch System Program Planning and Control Office.

SMA Core Stage ADP Review Team

For exceptional work in the review of Boeing's completed Acceptance Data Package on Core Stage I.

Software Assurance Audit Team

For excellence in the performance of software assurance audits and finding resolutions critical to the mission success of the many MSFC programs and projects.

Space Launch System Procurement Team

For providing outstanding Space Launch System contract support, enabling seamless launch support for Artemis I.

Space Launch System Stages Verification Team

For overcoming significant challenges, demonstrating exceptional creativity and flexibility that resulted in the successful closure of Stages Artemis I Verification.

Starburst Proposal Team

For innovative and pioneering teamwork to enable the StarBurst Mission.

State Analysis Model Team

For significant achievements in the development of the State Analysis Model in support of the Space Launch System Artemis I mission.

TALOS Test Stand Diffuser Design Team

For exceptional engineering achievement in support of the TALOS test stand diffuser system.

Teamcenter PDM Process and Implementation Team

For outstanding commitment and superior effort in executing the implementation of the new Siemens Teamcenter Product Development Management system and associated tools.

Telling the NASA SLS Story & Protecting Data Team

For outstanding performance creating, telling, managing, and protecting data for the media products contained in NASA's Space Launch System Program's first launch story.

TReK Development and Verification Team

For exceptional performance, expediency, and dedication in the development, test, and deployment of the Telescience Resource Kit 5.3.1 software.

Vehicle Management Artemis I ITCO Support Team

For exceptional and dedicated support of Vehicle Management Integration Test and Checkout activities for the Space Launch System Artemis I mission.

VIPER Thermal Team and Thermal Test Team

For outstanding contributions to Volatiles Investigating Polar Exploration Rover thermal control system design and vacuum test series to progress toward system integration.

Marshall Innovation Team Award

The annual Marshall Innovation Awards promote and honor innovation and creativity in the MSFC workforce. It is open to all MSFC civil servants and contractors, in all Center organizations (both technical and non-technical), and provides recognition to employees who have best exemplified creative and innovative work accomplishments and behaviors during the year.

Directives, Plans, and Charter System Team

For exceptional creative and innovative development and implementation of the Directives, Plans, and Charters System.

Rapid Analysis Manufacturing Propulsion Tech Team

For outstanding work in the advancement of innovative rocket nozzle manufacturing technologies and significant collaboration with industry to implement this technology.

2022 Patent Award

The Marshall Space Flight Center patent plaque is given in recognition to inventors who within the past year have had a patent issued by the United States Patent and Trademark office in support of NASA.

Debris Tolerant Valve

Christopher T. Griffith

James A. Richard

Dynamics Management System for a Structure Using Tension and Resistance Elements

Robert E. Berry

Jeffrey L. Lindner

Frederick S. Gant

Hybrid Fuel Grain and Method for Making Same

Sadie M. Boyle

George T. Story

Jessica P. Chaffin

Robert H. Taylor

John W. Dankanich

Method of Fabricating High-Permittivity Dielectric Material

Curtis W. Hill

Dennis S. Tucker

Terry D. Rolin

Periodic-Wave Disc Brake Rotor

Jonathan A. Lee

Self-Reacting Friction Stir Welding Tool

Josef B. Cobb

Thrust Chamber Liner and Fabrication Method Therefor

William C.C. Brandsmeier

Cory R. Medina

Paul R. Gradl

Omar R. Mireles

Sandra E. Greene

Christopher S. Protz

Justin R. Jackson

Invention of the Year

The Marshall Space Flight Center Invention of the Year is given in recognition of a recently patented invention which has made the greatest contribution to a NASA program or has had the greatest commercialization success.

Debris Tolerant Valve

Christopher T. Griffith

James A. Richard

Sorbent-Based Atmosphere Revitalization System

James C. Knox

Lee A. Miller

National Aeronautics and Space Administration
Marshall Space Flight Center

2022 Center Honor Awards

Marshall, launching NASA into the future,
to the Moon and beyond.